

IN THE SPECIFICATION:

Please change the Title of the Invention to:

APPARATUS, SYSTEMS, AND METHODS FOR SIMULATING MOVEMENT OF A BALL IN RESPONSE TO A SIGNAL GENERATED IN AN INPUT DEVICE MOVED BY A GAME PLAYER

Page 8, replace the paragraph beginning at line 11 with the following amended paragraph:

The game processor 40 is provided with an internal memory 42. The internal memory 42 includes a ROM or RAM (SRAM and/or DRAM). The RAM is utilized as a temporary memory, a working memory or a register area and a flag area. Incidentally, an external memory (ROM and/or RAM) is connected to the game processor 40 through an external bus. The external memory 44 is previously set up with a game program. The external memory is thus a computer readable storage medium.

Page 11, replace the paragraph beginning at line 2 with the following amended paragraph:

It is assumed with reference to Figure 6 that the bat input device has an acceleration varying as shown in Figure 6(A). Following the acceleration change, a voltage signal as shown in Figure 6(B) is outputted from the piezoelectric buzzer 52. When the voltage signal exceeds a determination level as determined by the transistor 54, the transistor 54 is placed in conduction, i.e. gate is opened. As was explained before, a modulation pulse having a pulse width nearly in reverse proportional to a magnitude of the acceleration, or a voltage signal from the piezoelectric buzzer 52, is outputted from the modulation pulse generating circuit 58, as shown in Figure 6(D) ~~Figure 6(C)~~ . Although the carrier generating circuit 62 generates a carrier as shown in Figure 6(E) ~~Figure 6(D)~~ , the carrier is modulated by the modulation pulse. Accordingly, an infrared-ray signal as shown in Figure 6(F) is outputted from the infrared-ray LED 34.